What is Claimed is:

1.     A method of conducting traffic surveillance studies, comprising:

recording video images at a predetermined location for a predetermined length of time;

converting the images on a medium for easier viewing of the images;

5          sending the medium to a foreign country where labor is less expensive than in the country where the images were taken;

providing a computer program for viewing the images in the foreign country;

providing at least one event line in association with the images to be displayed on a monitor to facilitate accurate viewing of the images, wherein an event line is adapted to be

10     provided for each direction of vehicle traffic lane through the predetermined location;

reviewing the images on the medium; and

indicating when a vehicle crosses an event line that a recordable event has occurred.

2.     The method of claim 1, wherein the predetermined location is an intersection, and wherein a recordable event occurs at the intersection whenever a vehicle crosses an event line in

15     the direction of traffic associated with that event line.

3.     The method of claim 1, wherein the predetermined length of time is between 1 and 24 hours.

4.     The method of claim 1, wherein the medium onto which the recorded video image is originally stored is a videotape, hard disk, or optical storage media such as a DVD.

20    5.     The method of claim 1, wherein recorded video images are converted to compressed digital format and stored as a file or files on a hard disk or on an optical storage device such as a CD ROM or DVD.

6.     The method of claim 1, wherein the stored compressed video files are transmitted to the foreign country by express courier or by electronic data transmission over a public or private

25    network.

7.     The method of claim 2, wherein each of the event lines comprises a first portion for determining when a vehicle turns left, a second portion for determining when a vehicle goes straight, and a third portion for determining when a vehicle turns right, or multiple portions corresponding to each type of possible turning movement at a multi-leg or other complex

30    intersection.

8.     The method of claim 2, wherein the event lines are positioned within the intersection within the video image on the monitor screen in a manner that allows only vehicles that travel substantially through the intersection to cross the event line.

9.     The method of claim 8, wherein the event lines are divided into several line segments arranged at different angles so as to maintain as much as possible the perpendicularity of each line segment relative to the direction of travel of the specific turning movement with which that segment is associated.

10.     The method of claim 1, wherein the event lines are formed as lines superimposed on the video image window shown on the monitor screen, wherein the computer program enables the location of the event lines to be stored as a file on a hard disk or other persistent memory for future access and use.

11.     The method of claim 1, wherein the program is provided so that whenever a recordable event is indicated, the computer provides a predetermined visual and/or audio signal to indicate when the recordable event has occurred.

12.     The method of claim 1, wherein the program allows for different keys to be pressed depending on what type of recordable event has occurred in the predetermined location, wherein the type of recordable event that has occurred can be indicated by pressing a key or sequence of keys that corresponds to the type of road user (that is, a vehicle or pedestrian) and/or type of movement and/or the location of that movement within the intersection or road link being studied that resulted in the recordable event being indicated.

13.     The method of claim 12, wherein the program is provided so that whenever a different key corresponding to a different road user, movement or event location is pressed, the computer provides a different predetermined audio or visual signal to indicate the type of event that has occurred.

14.     The method of claim 1, wherein the images are recorded by a video camera mounted within a weatherproof housing, said housing being attached to a motorized or manual pan/tilt device that allows for the camera to be aimed horizontally and vertically.

15.     The method of claim 14, wherein said pan-tilt device is mounted on a bracket attached to a pre-existing pole, or to a pole with a base having a predetermined number of legs, wherein each leg is connected to a concrete support, and wherein the level of each leg in relation to its concrete support can be adjusted by using an adjustable threaded member connected to the concrete support, and wherein that threaded adjustable member can be quickly moved upwards or

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downwards by using a hand-held power tool such as an electric drill equipped with a nut driver or screwdriver bit.

16.    The method of claim 1, wherein the images are captured by a video camera are recorded by video cassette recorder or digital video recorder and related equipment located within a
5    tamper-proof locked box, wherein the box is strapped to an existing pole by connectors that can only be released by having access to the interior of the locked box.

17.    The method of claim 1, wherein the step of recording the images records the actual time during which the images are recorded, and wherein the program allows for the exact time that each recordable event is indicated to be synchronized with the actual time that the recordable
10    event occurred, along with the video frame number on which the recordable event was recorded.